

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 - 9:15	Welcome	Hobbs & Ord Non-Andersonian faults, fractures and veins		Capitiano et al Ishtar Terra highlands on Venus raised by craton-like formation mechanisms	Urbide et al Quiet vs loud arc volcanoes. A microanalytical perspective into magmatic architecture across the Central Andes
9:15 - 9:30	Rosenbaum et al Formation of domes and basins by syn-deformational granite emplacement	Ord & Hobbs Automatic quantitative analysis and classification of spatial patterns (fabrics)		Asimus et al Microcontinents formed during a messy breakup between India and Antarctica	Parra-Encalada et al Plagioclase as a mineralization marker in Porphyry Copper Deposits
9:30 - 9:45	Qing Zhang et al Magmatic Record of Carboniferous Slab Rollback Along the Australian Tasmanides of Eastern Gondwana	Finch et al Porosity changes in shear zones during tectonic switching		Merdith et al Solid-Earth controls on Phanerozoic icehouses	Ward et al Slab tearing as a driver of porphyry ore deposit formation in island arcs
9:45 - 10:00	Mahoney et al Crustal architecture and geological evolution of the Central Lachlan Orogen: Insights from new deep crustal seismic imaging of the Yathong-Cobar-Hermidale region, NSW	Olesch-Byrne et al Deformation mechanisms in a shear zone ore fluid conduit		Williams et al Magnetization of oceanic lithosphere from modelling of satellite observations	Yaxley et al The solubility of monazite in carbonate melts – implications for monazite formation in carbonates
10:00 - 10:15	Henderson & Fergusson Detrital zircon ages conflict with an island arc interpretation for older (Silurian-Devonian) rock assemblages of the New England Orogen	Wilson & Peternel Origin of textures in quartz veins: insights from 2D in situ ice experiments		Chukwu et al Crustal structure and role of inheritance in the evolution of southeast Australia's triple junction	Xing et al REE transport in hydrothermal mineralizing systems: implications from thermodynamic models (or S3)
10:15 - 10:30	Milan et al Reconstructing a cryptic Cambro - Ordovician arc record in the Tasmanides of Eastern Australia	Singh et al Moving to 3D: Constraints on Shape Fabric and Strain in mantle rocks		Zoleikhaei et al A non-arc setting for "Cadomian" magmatism in Iran and Anatolia	Weller et al New thermodynamic models for alkaline-silicate magmatic systems reveal fractionation at a mid-crustal tipping point primes REE-mineralised alkaline igneous rocks
10:30 - 11:00					
11:00 - 11:15	Vitale-Brovarone et al Extreme energy from the deep, at convergent margins	Piazolo et al Signatures of changing deformation rate dynamics in deforming rocks: Examples from the exhumed Slow Earthquake Zone of New Caledonia		Evans et al The origin of platinum group minerals in ophiolites, and implications for the Re–Os geochronometer	Slanislav Linking magmatism to orogenic gold mineralization through zircon geochemistry
11:15 - 11:30				Babaahmadi & Saha Bedding-Parallel Shears in the Upper Permian Coal measures, Bowen Basin, Central	Voisy et al Shock Value: Gold nugget formation from earthquake-induced piezoelectricity in quartz
11:30 - 11:45	Halpin et al Ediacaran-Cambrian high-strain melt-present deformation during gravitational spreading of the ancestral East Antarctic mountains	Green & Powell Phase equilibrium modelling: a frosted window onto geological processes		Gessner et al A rift-transform origin for the East Pilbara Terrane	Olierook et al Argyle pink diamonds: a story that involves a super continental break up
11:45 - 12:00	Muscgrave & Rosenbaum Can soft collision lead to plate tectonic reorganisation? Revisiting the Ontong Java Plateau paradox	Volante et al Oxygen isotope shifts during continental anatexis: fingerprints of fluid-fluxed melting		Zibra et al More than 2 billion years of shearing along the western margin of the Yilgarn Craton (Western Australia)	Centrella et al Reconstructing the fluid pathways in sedimentary basin using a mass balance approach: example of the Benassal Formation, Spain
12:00 - 12:15	Noorian et al Nitrogen isotope variations in the Mesoproterozoic organic-rich shales (the Velkerri Formation) in Beetaloo Sub-basin, McArthur Basin, north Australia	Spier et al U-Pb apatite and zircon ages of dolerite from the Baryulgil Serpentine, NSW: Insights into the emplacement age of the ultramafic massif		Rey et al Archean Dual Geodynamics Underneath Weak, Flat, and Flooded Continents	Ezad et al Co-existing fenitizing fluids and carbonate melts derived from ultramafic lamprophyres
12:15 - 12:30	Collins et al Geological constraints on Proterozoic mountains – reconstructing the largest mountain range of the last billion years	Mayer-Ullman et al Thermal history of the East Antarctic margin recorded in apatite: Campaign-style Lu-Hf, U-Pb, fission track and U-Th-Sm/He results		Hayman & Senyah Reconstruction of a Paleoproterozoic Greenstone Belt and comparative study to Late Archean Greenstone Belts	Doucet & Li Large scale mantle heterogeneity: A legacy of plate tectonic supercycles
12:30 - 13:30					
13:30 - 13:45	Wang et al P–T–fluid–deformation evolution of UHP eclogites, Sulu belt, China and implications for exhumation dynamics	Langone et al Reactive and resilient: the behaviour of geochronometers during deformation		Betts et al From continental rifting to seafloor spreading. Controversies and insights from the Red Sea	Dyrvil Managing geological complexity and practical applications: an industry-academic roadblock?
13:45 - 14:00				Abdullah & Pawley The effect of the original tectonic grain on structural evolution during poly-phase deformation: an example from Mount Woods Domain, Gawler Craton	
14:00 - 14:15	Rodriguez Corcho et al The tectonic evolution of the western North American margin since the Devonian	Ribeiro & Kirkland Challenging the garnet chemical-isotopic reliability under high-temperature deformation		O'Neill Tectonic impact of the boring billion	
14:15 - 14:30	Rodrigues et al Refolding an Orogen: the case of Mossman orogenic curvature in NE Australia	Murphy et al In-situ Lu-Hf dating of garnet: a novel new tool for granulite geochronology		Armistead et al Mesoproterozoic tectonic and metallogenic link between Tasmania and Laurentia revealed by multi-mineral geochronology	
14:30 - 14:45	Fergusson et al Late Cenozoic uplift associated with the Lapstone Structural Complex in eastern NSW	Fitzherbert et al Timing post-peak reactivation episodes in the Broken Hill Block using allanite (and friends) in a shear-hosted REE-IOCG deposit		Parui et al Structural reconstruction of the Yeneena Basin, Western Australia – a key for understanding sedimentary-hosted copper mineralization	
14:45 - 15:00	Singh et al Topographic Evolution of Active Margins: Exploring the Interplay of Plate Tectonics, Mantle Convection, and Long-Term Climate using Explainable Artificial Intelligence	Durney Hypothesis-related systematic uncertainty in radiometric dating of deformation: some cases, arguments and alternative strategies		Subarkah et al The complex chronology of Cryogenian carbonates	
15:00 - 15:30					
15:30 - 15:45	Seton et al The tectonic and volcanic history of Northern Zealandia	Whittaker et al The Balleny Seamount Trail – A Weak but Persistent Deep Plume		Deepak et al Multiproxy Analysis of Paleoproterozoic Shales from the Limbunya Group: Insights into Paleoenvironmental Conditions	Keynote presentation
15:45 - 16:00	Carey et al Cretaceous Basement Rock Dredges from the Louisade Plateau	Roy et al Change in the basalt normative mineralogy in deep-time, and possible petrogenetic relations		Noptalung et al Geochronological constraint on the timing of magmatism and sedimentation in the Dajarra region, Mt Isa Inlier, Australia	Student presentation
16:00 - 16:15	Keep et al A brief history of the northern Australian margin: from basement inheritance to modern seismology (and a few mass transport deposits)	Kamber New insight into the effects of trans-lithospheric magma transfer on the petrology and geochemistry of the lithospheric mantle, lower continental crust and volcanic products		Cruden & Robin Narrow shear zones within broad transpression zones: testing theory with analogue experiments	
16:15 - 16:30	Zahirovic et al Global ophiolite, large igneous province, and orogenic reconstructions and the implications for deep-time climate and planetary carbon cycling	Rodrigues et al Peridotite - komatiite interaction and the origin of orthopyroxene-rich cratonic mantle lithosphere		Withers et al A baseline model for fault development across transpressive plate boundaries	
16:30 - 16:45	Mulder et al Inherited zircon mining refines Cambrian orogenic architecture of southeast Australia	Tailby & Chapman Defrosting the Cowra crystal mush		Ozaydin et al Thermomechanical modelling as a tool for decoding geophysical anomalies: A case study of strike-slip pull-apart basins	
16:45 - 17:00				GSA - SGTSG	